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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named  
Inventor : Benjamin Y.H. Liu et al.

Appln. No. : 10/769,011

Filed : January 30, 2004

For : HIGH-PERFORMANCE AND MULTI-  
LIQUID-PRECURSOR  
VAPORIZATION IN  
SEMICONDUCTOR THIN FILM  
DEPOSITION

Docket No.: M419.12-0043

Group Art Unit: 1763

Examiner:

## PRELIMINARY AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I HEREBY CERTIFY THAT THIS PAPER IS BEING  
SENT BY U.S. MAIL, FIRST CLASS, TO THE  
COMMISSIONER FOR PATENTS, P.O. BOX 1450,  
ALEXANDRIA, VA 22313-1450, THIS

4 DAY OF August, 2004.

  
PATENT ATTORNEY

Sir:

Prior to the first Official Action, it is respectfully  
requested that the following amendments be made.